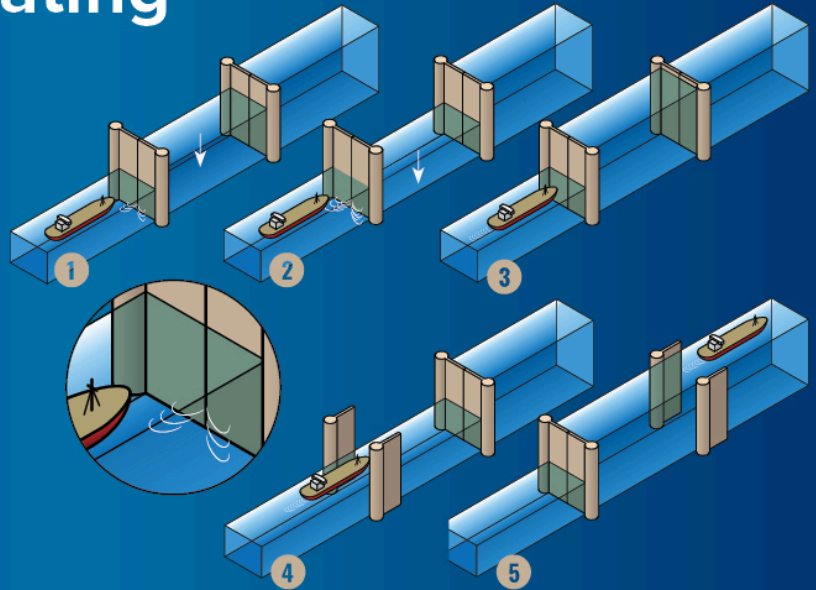


# We Know Waiting to Get Through the Lock is Frustrating

From the surface, it doesn't look like much is going on. But a whole lot is going on below the surface.

## Basics of Double Draining

- 1 Water is lowered with first adjustment creating turbulence at the bottom of the lock gate.
- 2 Lock water continues to be lowered with a second adjustment creating greater turbulence.
- 3 Lock refills. Steps 1-2 repeat followed by Steps 4-5.
- 4 Boat enters lock. Lock is filled.
- 5 After filling, exit gates open and boat leaves.



## NYS Canal Corp is Using Double Draining

Double Draining forcefully pushes water away from the lock doors twice, before the lock opens, to create turbulence inhospitable to the slow swimming Round Goby.

# Round Goby is a Destructive Invasive Species



- Can invade local streams & waterways
- Damages populations of native fish species—the fish we want to catch! Trout, bass, panfish
- May spread diseases to native wildlife
- Drives visitors away from Canal recreation
- May disturb food chains for native species
- Eats eggs from sturgeon—endangered & threatened species

